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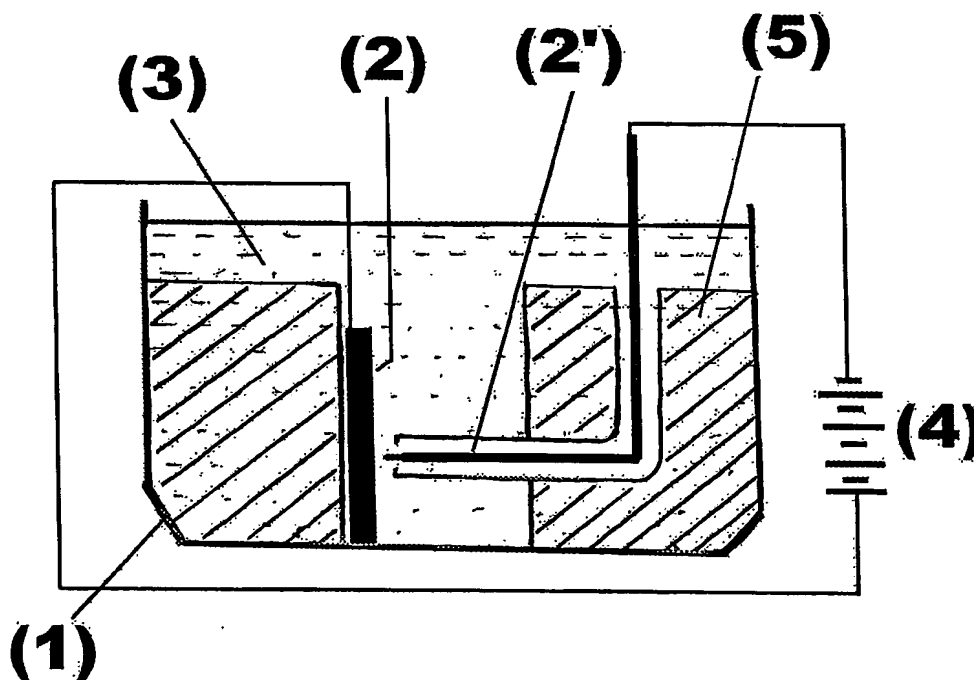
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(54) Title: PROCESS AND APPARATUS FOR PRODUCING METAL NANOPARTICLES



(57) Abstract: A novel process and apparatus for producing metal nanoparticles by electro-explosion of wires is disclosed. The invention comprises placing a wire and a plate of the same material as two electrodes in a dense medium, preferably water, in such a manner so as to guide the wire in a straight line and applying a voltage of greater than 12V to said electrodes to cause the wire explode into nanoparticles.



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